WHAT IS CLAIMED IS:

1/ A network interface dard, comprising:

/a first printed dirouit board;

first and second termesters coupled with the tirst printed sircuit board;

a plurality of ethernet summunication paths forming at least a portion of a coupling between the tirst and second connectors;

the first connector configured to receive a third connector associated with a midplane;

a chip coupled with the first printed circuit board wherein the plurality of ethernet communications paths souple the first connector with the chip;

a first communication link coupling the chip and the second connector;

wherein the chip consolidates data received through the first connector for distribution of the data to the second connector;

a single board computer coupled with the first printed circuit board; and

a second communication link coupling the ship with the single board computer.

2. The network interface card of Claim 1, further coprising:

a third connector coupled with the first printed firsuit board; and

wherein the plurality if ethernet paths form at least a portion of the scupling between the third monnector and the chip.

- 3. The network interface card of Claim 1, further comprising:
- a third connector coupled with the single board computer; and

wherein the third connector is operable to distribute data between the single board computer and a management network.

- 4. The network interface card of Claim 1, further comprising a third connector forming the coupling between the single board computer and the second communication link.
- 5. The network interface dard of Claim 1, wherein the single board computer comprises:
 - a second printed circuit board coupled with the first printed circuit board;
- a central processing unit coupled with the second printed circuit board; and

memory integrated circuits compled with the second printed circuit board.

- 6. The network interface card of Claim 1, wherein the up includes a repeater only.
 - 7. The network interface card of Claim 1, wherein the chip includes a switch chip.
- 30 8. The network interface card of Claim 2, wherein the third connector includes a gigabit ethernet connector.

9. The network interface card of Claim 2, wherein the third connector includes a gigabit interface connector GBIC.

2. A network interface card, comprising:

- a first printed circuit board;
- a thip ocupled with the first printed first bland;

first and second connectors coupled with the first printed circuit board, each of the first and second connectors adapted to receive a plurality of first ethernet communications links, through a midplane associated with a plurality of web server processing cards;

a plurality of second ethernet communications links coupling the first connector and the chip;

a plurality of third ethernet communications links upling the second connector and the chip;

a high density communication path roughing the only with a third connector; and

wherein the chip is operable to distribute data communications between one of the first and second connectors, and the third connector.

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- 11. The network interface card of Claim 10, wherein the chip includes a repeater chip.
- 12. The network interface card of Claim 11. wherein the Unit includes a switch only.
- the repeater chip includes an integrated network hub and the repeater chip is operable to aggregate all 10 100-1000 megabits per second ethernet communications received through the first and second connectors.

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- 14. The network interface card of Claim 13, wherein the integrated network hub includes a repeater chip having at least ten ports.
- the switch chip includes an integrated network switch and the switch chip is operable to aggregate all 10,100,100, megabits per second ethernet communications received through the first and second connectors.
 - 16. The network interface card of Claim 15, wherein the integrated network switch includes a switch chip having at least ten ports.
- 15 17. The network interface card of Claim 1., further comprising:
 - a fourth connector coupled with the first printed circuit board;
- a second high density communication path coupling the repeater chip with the fourth connector; and

wherein the second high density communication path and the fourth connector provide at least a powden of a redundant communication path between the chip and a network router.

- 18. The network interface card of Claim 10, further comprising:
- a fourth connector coupled with the first printed circuit board;
- a second high density communication path coupling the repeater chip with the fourth connector; and

wherein the fourth connector is sperable to receive a fifth connector associated with a second network interface card.

The network interface card of Claim 11, wherein the third connector includes an RJ-21 connector adapted to receive a fourth connector associated with a network

router.

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20. The network interface card of Claim 12, wherein the switch chip includes a multiple port 10/100 Base T switch having fiber gigabit uplinks.

21. The network interface card of Claim 12, wherein the switch chip includes a multiple port 10/100 Base T switch having copper gigabit uplinks.

- messages according to packet headers including port addresses associated with network components.
- 23. The network interface card of llaim 11, wherein the first connector includes a built in serial part.

- 24. The network interface card of Claim 10, further comprising:
- a single board computer coupled with the first printed circuit board; and
- a second high density communication path coupling the thip with the single board computer.
 - 25. The network interface card of Claim 24, wherein the single board computer comprises:
- a second printed circuit board coupled with the first printed circuit board;
 - a central processing unit coupled with the second printed circuit board; and

memory integrated circuits coupled with the second printed circuit board.

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A method for consolidating data communications from a plurality of electronic devices, comprising:

previding a first printed circuit board;

coupling first and second connectors with the first trinted circuit board;

providing a plurality of ethernet communication paths which form at least a portion of a coupling between the first and second connectors, wherein the first connector is configured to receive a third connector associated with a midplane;

coupling a chip with the first printed circuit board wherein the plurality of ethernet communication paths couple the first connector with the chip;

providing a first communication link which couples the only and the second connector;

wherein the chip consolidates data received through the first connector for distribution of the data to the second connector;

coupling a single board computer with the first printed circuit board;

providing a second communication link coupling the thin with the single board computer; and

wherein the single board computer is operable to garage data communications recycled by the this.

27. The method of Claim 26, further comprising: coupling a third connector with the first printed circuit board; and

wherein the plurality of ethernes paths form at least a portion of the coupling between the third connector and the chip.

- 28. The method of Claim 26, further comprising:

 coupling a third connector with the single brand
 computer; and
- wherein the third connector is operable to distribute data between the single board computer and a management network.
- 29. The method of Claim 27, further comprising providing a fourth connector which couples the single board computer and the first communication link.

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30. A method for distributing data communications received from a plurality of web server processing cards, comprising:

providing a first printed direct board;

coupling a chip with the first printed circuit board;

printed circuit board, each of the first and second connectors adapted to receive a plurality of first ethernet communication links, through a midplane associated with a plurality of web server processing cards;

providing a plurality of second ethernet communication links coupling the first connector and the onip;

providing a plurality of third ethernet communication links coupling the second connector and the chip;

providing a high density communication path which couples the chip and a third connector; and

wherein the chip is operable to distribute data communications between one of the first and second connectors, and the third connector.

31. The method of Claim 30, further comprising:
coupling a fourth connector with the first printed
circuit board;

providing a second high density communication path which couples the chip with the third connector; and

wherein the second high lensity communication path and the fourth connector provide at least a portion of a redundant communication path between the chip and a network router.

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32. The method of Claim 31, further comprising: coupling a fourth connector with the first printed circuit board;

providing a second high density communication path which couples the chip with the fourth connector; and

wherein the fourth connector is operable to receive a fifth connector associated with a second network interface card.

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33. The method of Claim 30, further comprising:
coupling a single board computer with the first
printed circuit board; and

coupling the chip and the single board computer over a high density communication path.